

Title (en)
FUNCTIONALIZED POLYURETHANES PREPARED FROM RENEWABLE MATERIALS

Title (de)
AUS ERNEUERBAREN MATERIALIEN HERGESTELLTE, FUNKTIONALISIERTE POLYURETHANE

Title (fr)
POLYURÉTHANES FONCTIONNALISÉS PRÉPARÉS À PARTIR DE MATIÈRES RENOUVELABLES

Publication
EP 3250619 B1 20240424 (EN)

Application
EP 15882266 A 20151203

Priority
• US 201562107635 P 20150126
• US 2015063629 W 20151203

Abstract (en)
[origin: WO2016130201A1] The present invention relates to curable polyurethane polymers made from renewable materials. In particular hydroxylated oleaginous materials derived from plant oils, such as soybean oil, are used. These renewable materials may be formed into curable polyurethane polymers having different chemical functionalities and cure mechanisms.

IPC 8 full level
C08G 18/10 (2006.01); **C08G 18/30** (2006.01); **C08G 18/36** (2006.01); **C08G 18/38** (2006.01); **C08G 18/42** (2006.01); **C08G 18/67** (2006.01); **C08G 18/68** (2006.01); **C08G 18/75** (2006.01); **C08G 18/80** (2006.01); **C08G 18/81** (2006.01)

CPC (source: EP KR US)
C08G 18/36 (2013.01 - EP KR US); **C08G 18/4238** (2013.01 - EP US); **C08G 18/672** (2013.01 - EP KR US); **C08G 18/755** (2013.01 - EP KR US); **C08G 18/8051** (2013.01 - EP KR US); **C08G 18/8116** (2013.01 - EP KR US)

Citation (examination)
• US 2012269977 A1 20121025 - HUANG YAN [CN], et al
• US 2014088219 A1 20140327 - CHEN HONGYU [CN], et al

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2016130201 A1 20160818; WO 2016130201 A9 20170112; CN 107207686 A 20170926; CN 117164812 A 20231205; EP 3250619 A1 20171206; EP 3250619 A4 20181114; EP 3250619 B1 20240424; JP 2018502974 A 20180201; JP 2020015919 A 20200130; JP 2022043177 A 20220315; JP 6998207 B2 20220118; JP 7374164 B2 20231106; KR 102485145 B1 20230106; KR 20170108040 A 20170926; TW 201630958 A 20160901; US 2017320998 A1 20171109

DOCDB simple family (application)
US 2015063629 W 20151203; CN 201580075941 A 20151203; CN 202311156152 A 20151203; EP 15882266 A 20151203; JP 2017539268 A 20151203; JP 2019176750 A 20190927; JP 2021205110 A 20211217; KR 20177022482 A 20151203; TW 104144302 A 20151229; US 201715660595 A 20170726